## INTERNATIONAL SEARCH REPORT

CT/IB2004/002278

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A. CLASSIFI IPC 7	ICATION OF SUBJECT MATTER H04B1/707		
According to	International Patent Classification (IPC) or to both national classification	n and IPC	
B. FIELDS S			
Minimum doo	sumentation searched (classification system followed by classification s $H04B$	symbols)	
	on searched other than minimum documentation to the extent that such		arched
	ata base consulted during the international search (name of data base ternal, WPI Data, PAJ, INSPEC	and, where practical, search terms used)	
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with Indication, where appropriate, of the relevan	ant passages	Relevant to claim No.
Х	US 2001/048713 A1 (JHA UMA ET AL) 6 December 2001 (2001-12-06) paragraph '0027! - paragraph '0030 figures 2A,3		1-4,6-9, 11-13
P,X	EP 1 387 500 A (ST MICROELECTRONIC ST MICROELECTRONICS SRL (IT)) 4 February 2004 (2004-02-04) abstract paragraphs '0034! - '0040!; figure	·	1-4,6-9, 11-13
P,X	WO 2004/025858 A (LE THUYEN; BECK BURKHARD (DE); PAUL STEFFEN (DE); THOMAS (D) 25 March 2004 (2004-03- page 13, line 35 - page 14, line ! 2 page 15, line 15 - page 16, line :	RUPRICH -25) 5; figure	1-4,6-9, 11-13
Fur	ther documents are listed in the continuation of box C.	X Patent family members are listed	in annex.
"A" docum consi "E" earlier filling "L" docum which citatis "O" docum other	nent defining the general state of the art which is not idered to be of particular relevance  document but published on or after the international date  ent which may throw doubts on priority claim(s) or in its cited to establish the publication date of another on or other special reason (as specified)  ment referring to an oral disclosure, use, exhibition or reasns  ment published prior to the international filing date but	T* later document published after the interpretation or priority date and not in conflict with cited to understand the principle or the invention of the cannot be considered novel or cannot involve an inventive step when the diversity of the cannot be considered to involve an inventive and the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious the art.  ***a** document member of the same patenticated to involve and in the art.	the application but every underlying the claimed invention to considered to cournent is taken alone claimed invention eventive step when the ore other such docupous to a person skilled
Date of the	e actual completion of the international search	Date of mailing of the international se	arch report
	15 September 2004	23/09/2004	
Name and	d mailing address of the ISA  European Patent Office, P.B. 5618 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340–2040, Tx. 31 651 epo ni,  Fax: (+31-70) 340–3016	Authorized officer  Augande, E	

## **INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No TC 1/IB2004/002278

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